

AMENDMENTS TO CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An electronic device, comprising:

at least one sensor,

a carriage on which the at least one sensor is mounted;

a drive device configured to drive the carriage in a scanning direction;

a support structure that includes a light-transmitting mounting base and at least a portion of a frame that supports the mounting base;

the support structure supporting an object to be read;

printed matter containing servo control information located in a detection area on the support structure of the at least one sensor for servo control of the drive device; and

a servo controller configured to perform servo control on the drive device based on servo control information detected by the sensor.

2. (Currently Amended) An electronic device according to claim 1,—~~further comprising wherein:~~

~~a support structure that includes a light-transmitting mounting base and at least a portion of a frame that supports the mounting base,~~ the support structure further comprises ~~having~~ a first surface for supporting an object to be read and a second opposing surface; and

~~wherein~~ the printed matter is provided on the second surface.

3. (Original) An electronic device according to claim 2, wherein the printed matter is rectangular in shape and disposed such that its longer dimension extends along the scanning direction.

4. (Original) An electronic device according to claim 2, wherein the printed matter includes first printed matter that includes servo control information for controlling speeds of the carriage and second printed matter that includes servo control information for detecting an initial position of the carriage.

5. (Original) An electronic device according to claim 4, wherein the first printed matter for speed control is provided on a first side of the support structure along the scanning direction and the second printed matter for initial position detection is provided on a second side of the support structure along the scanning direction.

6. (Original) An electronic device according to claim 4, wherein the first printed matter includes a plurality of mutually different print patterns for speed control.

7. (Original) An electronic device according to claim 4, wherein the first printed matter comprises at least one barcode.

8. (Original) An electronic device according to claim 7, wherein the first printed matter comprises a plurality of barcodes with mutually different bar intervals.

9. (Original) An electronic device according to claim 7, wherein the first printed matter includes a first barcode with a relatively wide bar interval for high speed control and a second barcode with a narrower bar interval for low speed control.

10. (Original) An electronic device according to claim 2, wherein the carriage includes a light source that generates irradiating light and the printed matter is provided in an area on the second surface of the support structure irradiated by the light of the light source.

11. (Original) An electronic device according to claim 2, wherein the at least one sensor comprises an image sensor that is adapted to read information on an object to be read and that has a light receiving section including an effective pixel region and a dummy pixel region that is used to read the servo control information of the printed matter.

12. (Original) An electronic device according to claim 11, wherein

the dummy pixel region includes a first dummy pixel region in first end region of the light receiving section and a second dummy pixel region in a second end region of the light receiving section, and

the printed matter includes a plurality of mutually different print patterns including a first print pattern that is provided in a detection area of the first dummy pixel region, and a second print pattern that is provided in a detection area of the second dummy pixel region.

13. (Original) An electronic device according to claim 2, further comprising an image sensor configured to read information on an object to be read, the image sensor being mounted on the carriage together with the at least one sensor.

14. (Original) An electronic device according to claim 13, wherein

the at least one sensor includes a first sensor disposed in proximity to a first end region of the image sensor and a second sensor disposed in proximity to a second end region of the image sensor, and

the printed matter includes first printed matter disposed in a detection area of the first sensor and second printed matter disposed in a detection area of the second sensor.